STANFORD UNIVERSITY SCHOOL OF MEDICINE STANFORD MEDICAL CENTER 300 PASTEUR DRIVE, PALO ALTO, CALIFORNIA

DEPARTMENT OF GENETICS Professor Joshua Lederberg

JUL 6 1970

Dear Hy--

Just after I wrate Dr. Scott, I saw the NYT clip, and it occurred to me that DMC might be very well set up now for the study of the effects of the Hb^S gene on intellectual performance,

The clinic will have ascertained segregating families, and you will be able to contrast all 3 genotypes (a/a a/s and s/s) in the same family.

Actually, the important study would use collaterals, where the parents are a/a and a/s respectively, and the comparison of these among the progeny would be untinged by the actual occurrence of s/s disease. But that variable also is interesting (the economic and social drain...)

(However, on rigorous consideration, I have to remark that $a/s \times a/s$ matings may npt be exactly comparable to $a/a \times a/s$.)

Can you take this on?

Yours

Josh.